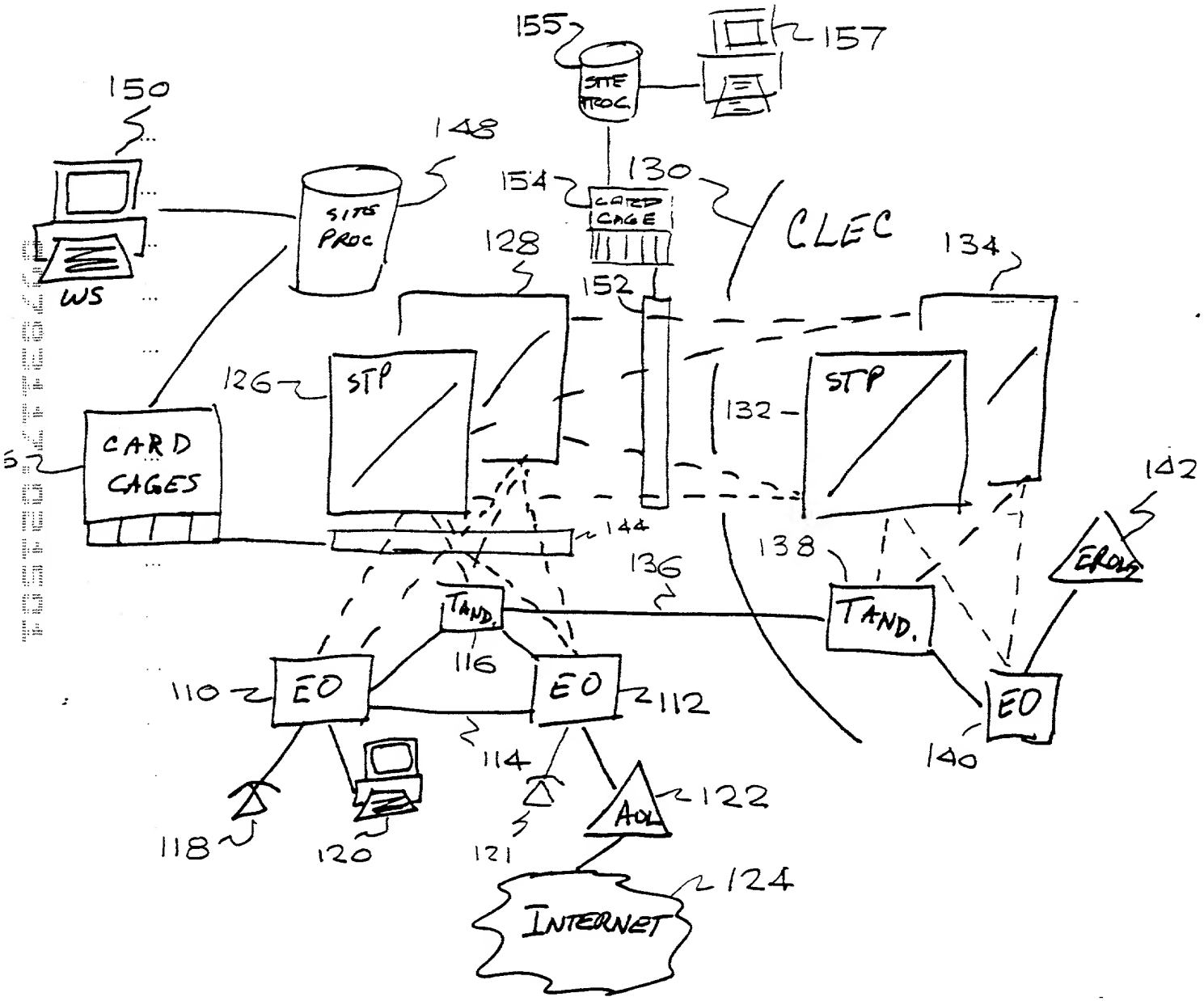
FIGURE 1


155
SITE PROC.
157
150
148
154
130
CLEC
SITE PROC
CARD CAGE
WS
128
152
134
126
STP
STP
132
CARD CAGES
142
144
138
136
EROS
TAND.
TAND.
116
110
EO
EO
112
EO
140
114
118
120
121
AOL
122
124
INTERNET

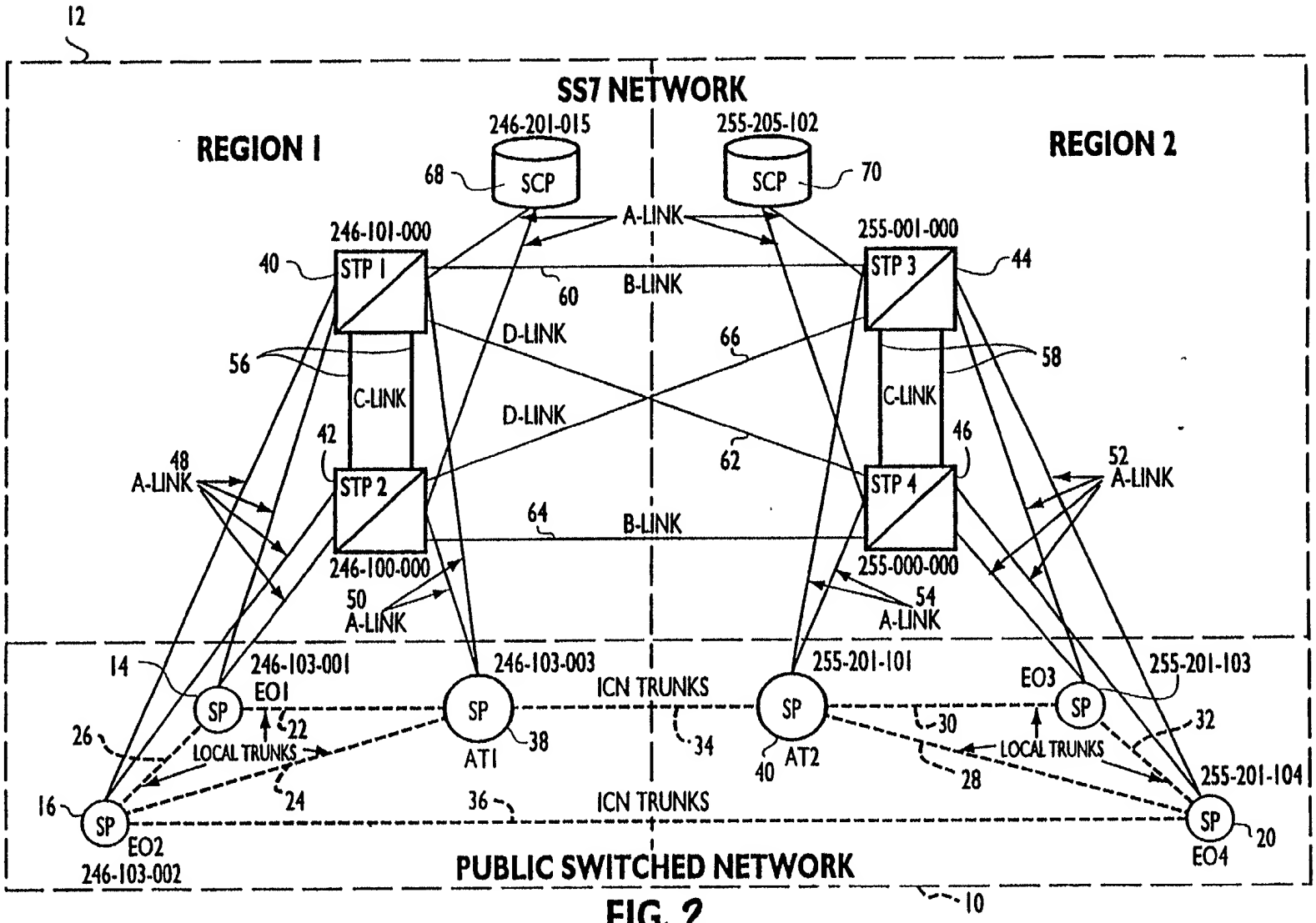

12
SS7 NETWORK
REGION 1
REGION 2
246-201-015
255-205-102
SCP
SCP
68
70
A-LINK
246-101-000
255-001-000
40
STP 1
STP 3
44
60
B-LINK
D-LINK
66
56
58
C-LINK
C-LINK
D-LINK
42
46
62
48
A-LINK
STP 2
STP 4
52
A-LINK
64
B-LINK
246-100-000
255-000-000
50
A-LINK
54
A-LINK
14
246-103-001
EO1
246-103-003
255-201-101
EO3
255-201-103
SP
SP
SP
SP
ICN TRUNKS
26
22
30
32
LOCAL TRUNKS
LOCAL TRUNKS
34
38
AT1
40
AT2
28
255-201-104
16
24
36
ICN TRUNKS
SP
SP
20
EO2
EO4
246-103-002
PUBLIC SWITCHED NETWORK
10

FIG. 2

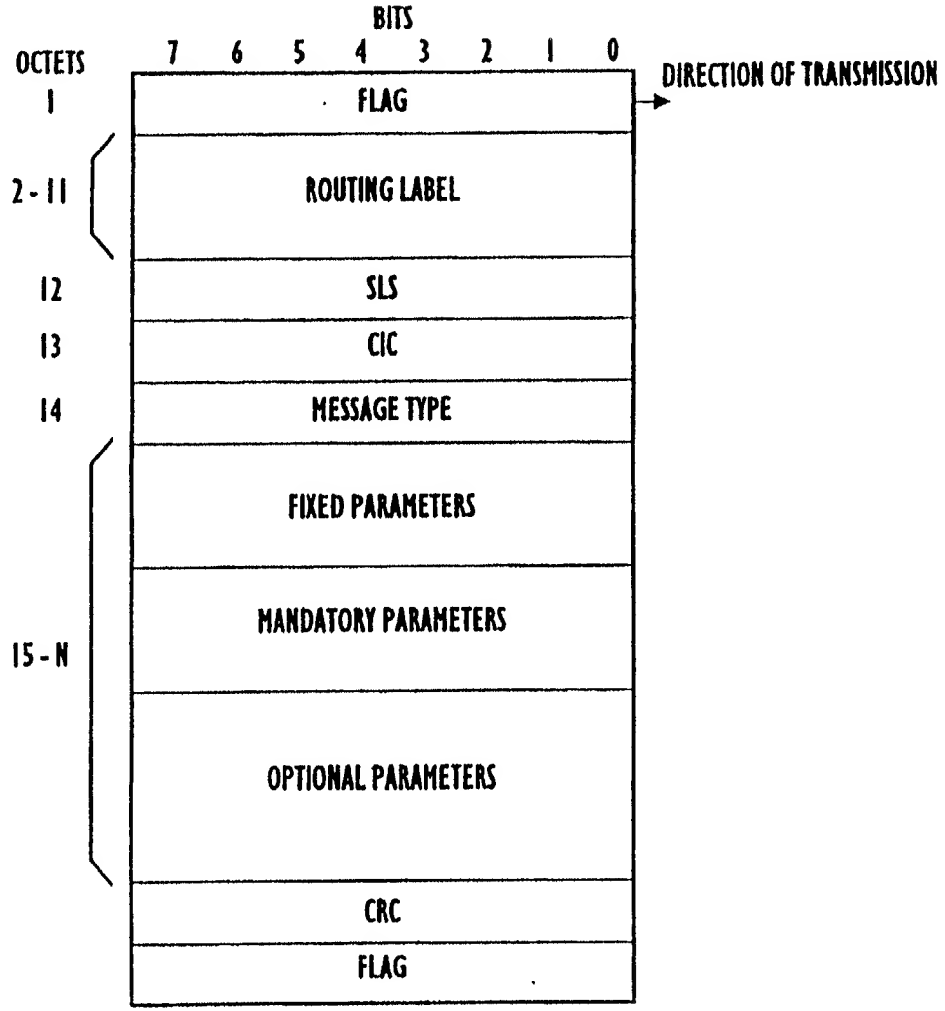

BITS
OCTETS
7 6 5 4 3 2 1 0
DIRECTION OF TRANSMISSION
1
FLAG
2 - 11
ROUTING LABEL
12
SLS
13
CIC
14
MESSAGE TYPE
15 - N
FIXED PARAMETERS
MANDATORY PARAMETERS
OPTIONAL PARAMETERS
CRC
FLAG

FIG. 3

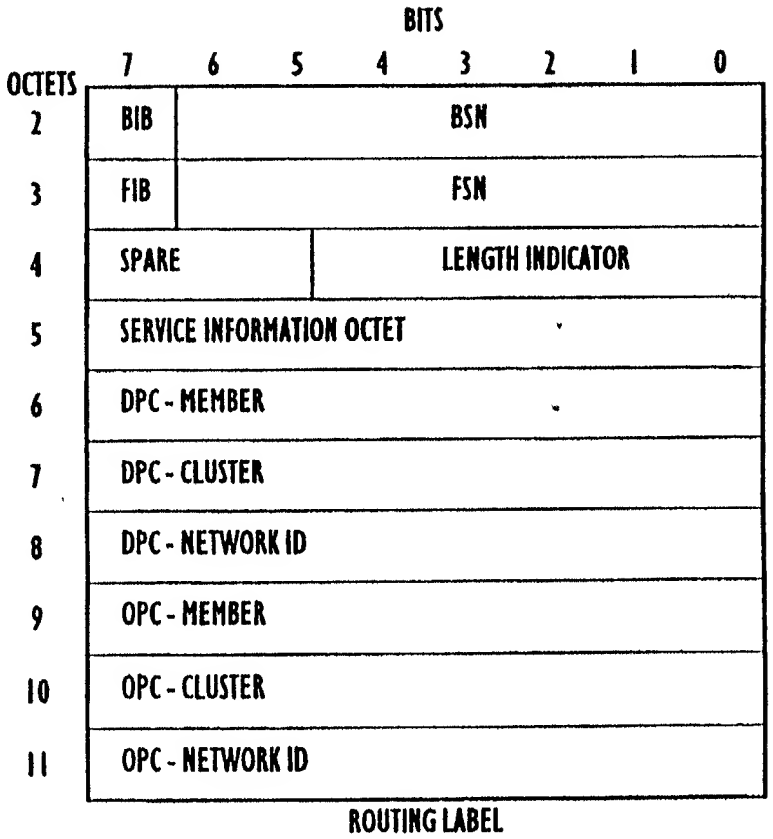

BITS
OCTETS
7 6 5 4 3 2 1 0
2
BIB
BSN
3
FIB
FSN
4
SPARE
LENGTH INDICATOR
5
SERVICE INFORMATION OCTET
6
DPC - MEMBER
7
DPC - CLUSTER
8
DPC - NETWORK ID
9
OPC - MEMBER
10
OPC - CLUSTER
11
OPC - NETWORK ID
ROUTING LABEL

FIG. 4

CALLED PARTY NUMBER DECODE

	LENGTH	OCTET	ID
NATURE OF CONNECTION	1	16	
FORWARD CALL INDICATORS	2	17 & 18	
CALLING PARTY'S CAT	1	19	
POINTER TO USER SERVICE INFORMATION	1	20	A
LENGTH OF USER SERVICE INFORMATION	1	20 +A OR A	C
USER SERVICE INFO	C	20+ A + 1 TO 20 +A+ 1 +C	
POINTER TO CALLED PARTY NUMBER	1	21	D
LENGTH INDICATOR FOR CALLED PARTY NUMBER	1	21 +D OR D	E
CALLED PARTY NUM	D	21 +D + 1 TO 21 +D + 1 +E	
POINTER TO START OF OPTIONAL PART	1	22	

FIG. 5

HEX CONVERSION

BIN	H	D
0000	0	0
0001	1	1
0010	2	2
0011	3	3
0100	4	4
0101	5	5
0110	6	6
0111	7	7
1000	8	8
1001	9	9
1010	A	10
1011	B	11
1100	C	12
1101	D	13
1110	E	14
1111	F	15

BIN POSITION VALUE

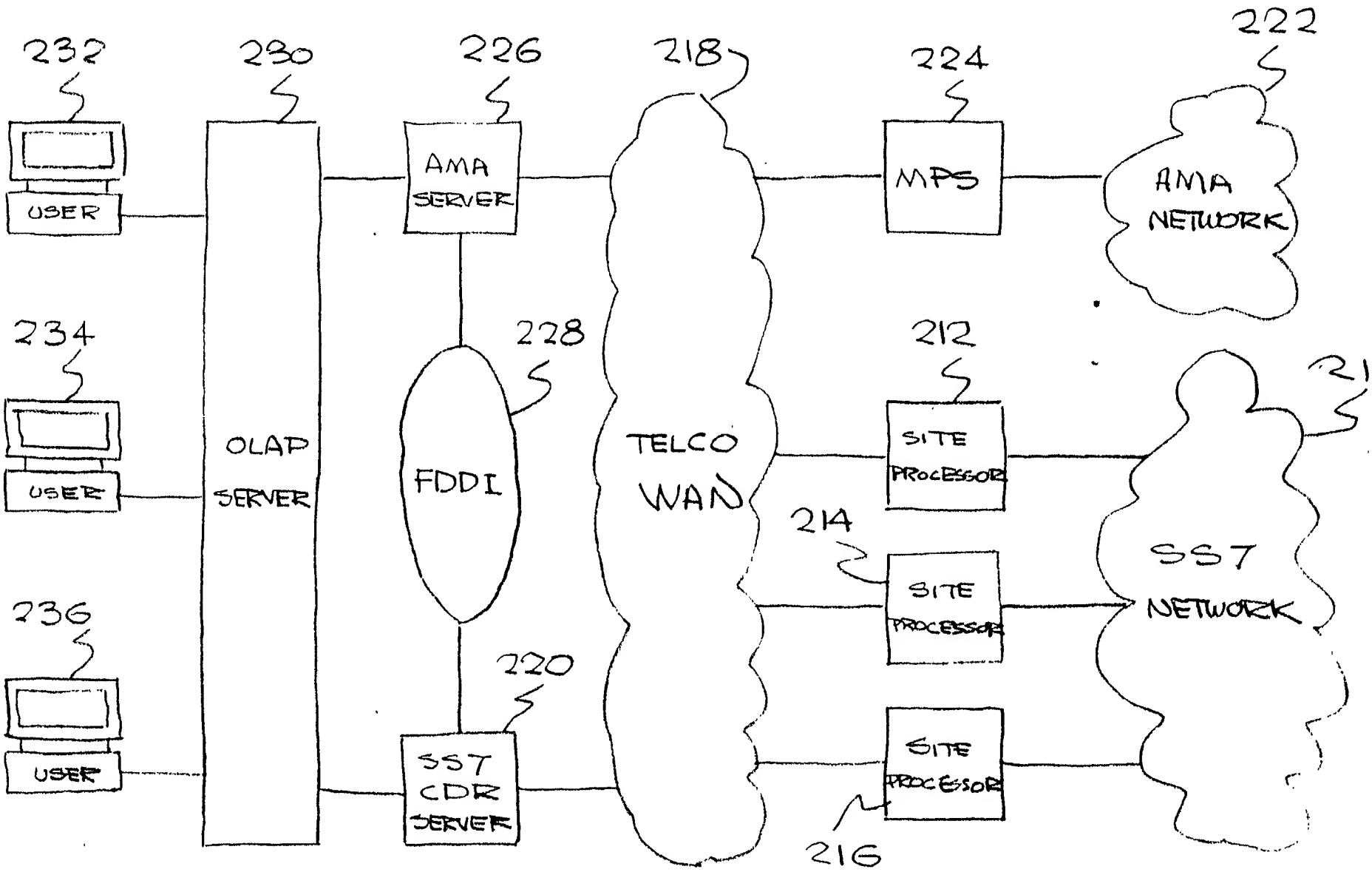
msb											lsb
2048	1024	512	256	128	64	32	16	8	4	2	1

HEX POSITION VALUE

msb			lsb
4096	256	16	1

FIG. 6

FIGURE 7


232
230
226
218
224
222
USER
AMA SERVER
MPS
AMA NETWORK
234
228
212
210
USER
OLAP SERVER
FDDI
TELCO WAN
SITE PROCESSOR
214
SS7 NETWORK
236
220
USER
SST CDR SERVER
SITE PROCESSOR
216

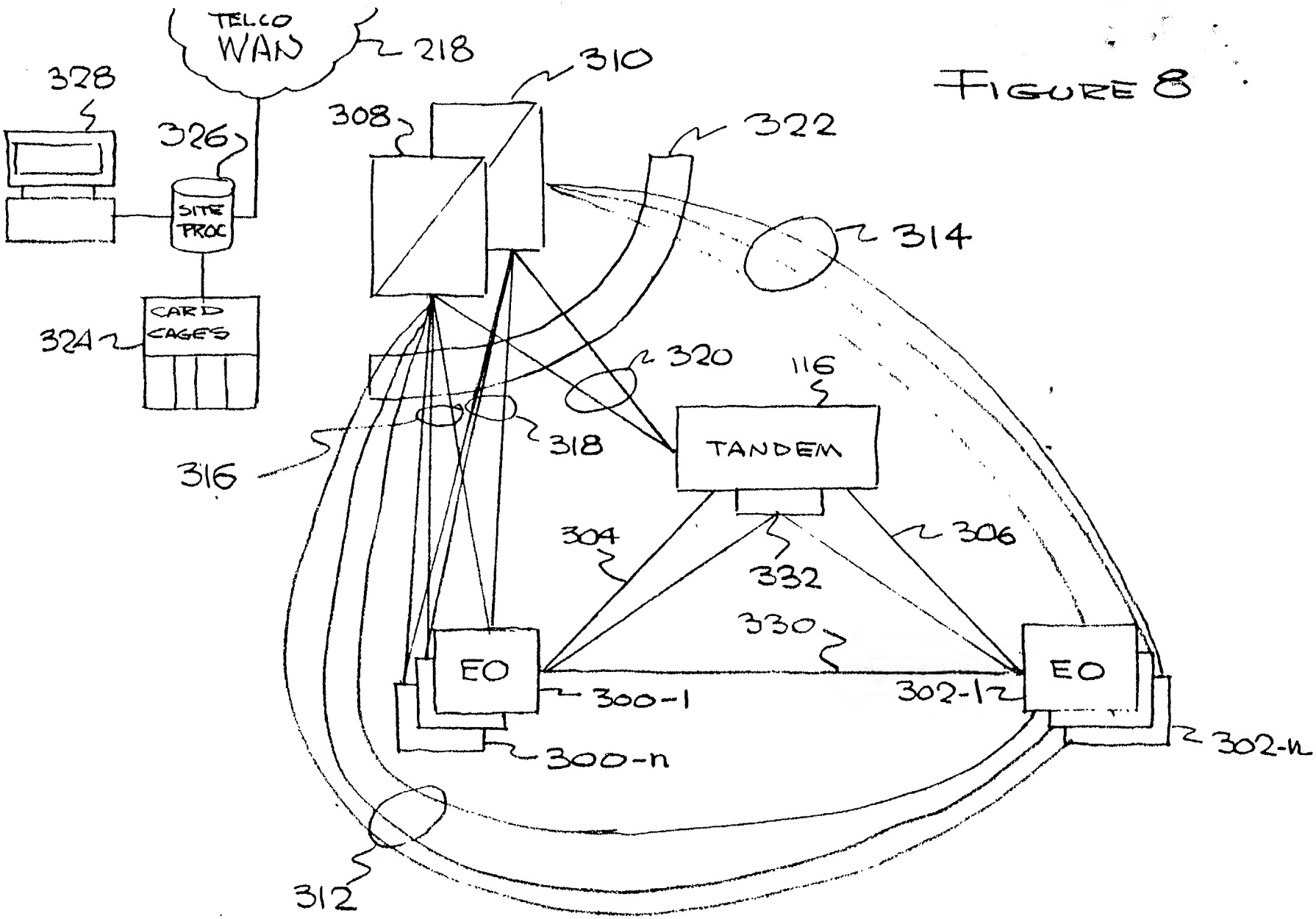

TELCO WAN
218
328
326
310
308
322
SITE PROC
314
CARD CAGES
324
320
116
316
318
TANDEM
304
306
332
330
EO
300-1
302-1
EO
300-n
302-n
312

FIGURE 8